

London County Council. 3.

THE
HORNIMAN MUSEUM
AND
LIBRARY,
FOREST HILL, LONDON, S.E.

1914.



The Museum is open to the public on*—

Weekdays, April to September, inclusive, 11 a.m. to 8 p.m.

October to March, inclusive, 11 a.m. to 6 p.m.

Sundays, all the year round, 3 p.m. to 9 p.m.

Closed only on Christmas Day.

The Library is open on*—

Weekdays, all the year round, from 11 a.m. to 9 p.m.

Sundays, 3 p.m. to 9 p.m.

Closed on Christmas Day, Good Friday, and Bank Holidays.

* During the continuance of the war the times of closing will be liable to alteration.

Telegraphic Address:
ARCHITECT, C O "WITAN,"
WESTRAND, LONDON."

LONDON COUNTY COUNCIL.

—
Telephone No.
4201 *Gerrard.*
—

REPLIES
TO BE ADDRESSED TO
SUPERINTENDING ARCHITECT,
COUNTY HALL,
SPRING GARDENS, S.W.

Superintending Architect's Department,
County Hall,

Spring Gardens, S.W.

21 JUN 1915

—
IN REPLY PLEASE QUOTE

With the compliments of the
Superintending Architect.

London County Council.

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London County Council.

LOCAL GOVERNMENT, RECORDS AND MUSEUMS COMMITTEE.

The members at the close of the year under review were :—

Chairman.

Laurence W. S. Rostron.

Vice-Chairman.

W. Ray.

Chairman of the Council.

The Rt. Hon. The Viscount Peel, J.P.

Vice-Chairman of the Council.

Alfred O. Goodrich, J.P.

Deputy-Chairman of the Council.

H. E. A. Cotton.

Baber, F. H. J.

Meinertzhagen, E. L., J.P.

Blackley, D.

Mills, Henry, J.P.

Drage, Geoffrey

Taylor, Andrew T.

Johnson, W. C., J.P.

Wilkinson, Cuthbert

Mathew, C. J., K.C.

Wilson, A., J.P.

RECORDS AND MUSEUMS SUB-COMMITTEE.

The members at the close of the year under review were—

Chairman.

Andrew T. Taylor.

Baber, F. H. J.

Johnson, W. C., J.P.

Blackley, D.

Meinertzhagen, E. L., J.P.

Clague, W. L.

Ray, W.

Greenwood, Hubert J., J.P.

Rostron, L. W. S.

Hobson, T. F., J.P.

Wilkinson, Cuthbert

THE HORNIMAN MUSEUM AND LIBRARY.

Officers.

H. S. Harrison, D.Sc. (Lond.), F.R.A.I.	Curator.
H. N. Milligan, F.Z.S. 	Zoologist.
A. W. Pepper 	Librarian.
H. F. Boon 	Assistant.

Dr. A. C. Haddon, F.R.S., was retained by the Council in an advisory capacity during the year.

THE
HORNIMAN MUSEUM AND LIBRARY,
1914.

THE progress of the Museum during 1914 has been satisfactory, though in certain directions the effect of the war has been obvious. A large decrease in the number of visitors for the year has to be recorded, the total deficit, as compared with 1913, being 38,000. Practically the whole of this deficit occurred after the war broke out, and much of it is due to a decrease in the number of Sunday visitors. Owing to the police regulations dealing with the lighting of buildings, it became necessary to close the Museum at an earlier hour each day, and from 25th October onwards the time of closing on weekdays and Sundays was 5.30 p.m., instead of 6 p.m. on weekdays, and 9 p.m. on Sundays. The hour of opening on Sundays was altered to 2 p.m. (instead of 3 p.m.), but the reduction of the number of hours during which the Museum remained open in the evening affected the attendance records very considerably. The total for the year was 160,510, which is about 38,000 below the average since the Museum was opened, though only 7,000 below the lowest total hitherto recorded (in 1911). The number of visits from the Council's schools is, on the other hand, slightly higher than in any previous year, viz., 261, as compared with the previous highest of 259 in 1913.

As regards attendances at public lectures, those given in the evening show a decrease as compared with previous courses, but the attendances at the Saturday afternoon lectures, in the autumn as well as in the winter term, were higher than in 1913.

It may be noted that numerous French and Belgian visitors made use of the Museum during the latter part of the year, many of them being students of ethnology.

An experimental step towards making the Museum collections of greater service to the public was made near the end of the year, when an official guide-demonstrator was appointed, for the purpose of conducting parties of visitors round the collections, and of helping the public in other ways. The guide will attend on three half-days a week, on one of which his attention will be given especially to teachers. Mr. Frank Finn, B.A., F.Z.S., was appointed to the post.

In July, the Curator attended the annual conference of the Museums Association, which was held at Swansea. Many interesting and valuable papers were read, and visits to several places of archæological importance added greatly to the interest of the conference. At the annual general meeting the Curator was appointed a member of the Council of the Association.

ETHNOLOGICAL DEPARTMENT.

In the ethnological department the sections to which the greatest amount of attention has been given are those of Decorative Art, Magic and Religion, Stone Implements, and Personal Ornament.

In the Decorative Art section the valuable collection of bronze and other objects from Benin (West Africa) has been transferred to a more suitable case, and the specimens re-labelled, and mounted in a more attractive manner. The collection of specimens from Borneo (chiefly Sarawak) has also been re-labelled, and arranged in a case better adapted for its display. Alterations have also been made in other series in this section.

The Magic and Religion section has been improved by changes in the order of arrangement of various series, and many descriptive labels have been prepared for printing.

The addition of important series to the Stone Implements section has involved considerable re-arrangement. The opportunity was taken to withdraw from exhibition a number of specimens whose relative importance had decreased with the growth and improvement of the collection. The whole of the collection was revised with the object of doing away with overcrowding, whilst at the same time finding space for the additions. The most important of these were the series of flint implements (regarded as of Mousterian age) from Northfleet, Kent, and the picks of antler, and flint implements, from the recent excavations at Grime's Graves, Norfolk.

The collection illustrating Personal Ornament, which occupies practically the whole of the east side of the south balcony, has been entirely re-arranged, the specimens being now mounted on boards covered with paper of a suitable shade of brown. The interest of this section has been very greatly increased by the acquisition of an important collection of tattooing implements and accessories from various parts of the world. Mr. E. J. Horniman was good enough to aid in the purchase of this collection.

Amongst other changes made during the year, may be mentioned a general revision of the arrangement of cases on the west side of the south balcony, undertaken in order to find more space for the series illustrating Currency and Money, Lighting Appliances, Weighing and Measuring, etc. By the withdrawal from exhibition of a miscellaneous collection of ancient pottery—space being found elsewhere for a representative selection of this—it was possible to transfer many of the Old English domestic appliances from the south balcony to the south corridor. At the same time most of those Old English objects which have hitherto been exhibited above the cases were placed under cover.

In practically all other sections minor re-arrangements have been made in the process of accommodation of new specimens, whilst improvements in labelling are continually in progress. Photographs and pictures illustrating the uses of objects exhibited are also constantly sought for, and in certain cases play an essential part in explaining the exhibits.

ZOOLOGICAL DEPARTMENT.

1. *Museum Collections*.—Steady progress has been made in the installation and arrangement of zoological specimens, and many new and interesting exhibits have been added. As a result of the war, however, many specimens which had been ordered from the Continent have not been delivered.

The “Survey of the Animal Kingdom” has made further advances towards completion. One case has been devoted to a series of models illustrating the structure of the mouth-parts of various typical insects. Noteworthy additions are specimens to illustrate stages in the development of common animals, such as the grass-snake, stickleback, garden-spider, and house-fly, mounted in fluid. As the “Survey” is intended to form a basis for the study of the other and more special sections of the zoological department, it was considered advisable to provide a handbook to this section, and the *Handbook to the Collections illustrating a Survey of the Animal Kingdom* was issued to the public in March.

The chief addition to the “Evolution of Animals” section is a series of models (each one quarter the linear dimensions of the real object) to show the probable appearance in life of the heads of *Moritherium*, *Palaeomastodon*, *Tetrabelodon*, and *Elephas columbi*, and of an entire *Mastodon americanum* (one-eighth real size), all of which represent important stages in the evolution of the elephant group. It is hoped that a series of models and casts to illustrate the evolution of the horse, which has only been inadequately illustrated hitherto, will soon be placed on exhibition.

2. *Living Animals*.—The accommodation for living aquatic animals has been considerably increased during the year. Six large sloping-fronted tanks, made in the museum, were added to the thirteen already exhibited, and there are now fourteen marine and five freshwater tanks in use. A larger variety of animals can now be shown, but there is still room for expansion of this important section of the museum.

About 150 different species of animals (mostly marine) were shown during the year. With a few exceptions, such as the salamander and axolotl, the animals were British. Many of them were collected by the museum staff, and most of the freshwater ones were obtained in the neighbourhood of the museum. Among the kinds shown were the grass-snake, common lizard, frog, toad, axolotl, plaice, blenny, great pipe-fish, broad-nosed pipe-fish, common and fifteen-spined sticklebacks, eel, perch, pike, larvæ of puss moth and Chinese and Japanese silk-moths, common and edible crabs, velvet crab, four-horned spider-crab, long-legged spider-crab, lobster, shrimp, prawn, hermit-crab, sea-urchin, brittlestar, star-fish, sea-anemones, and corals. It is interesting to note, as an indication of the use which is made by the public of this section, that frequent applications are made for advice and assistance in the management of aquaria; most of these applications relate to marine aquaria, which are much more difficult to maintain in a satisfactory state than are the freshwater ones.

GIFTS OF SPECIMENS.

The undermentioned specimens were presented to the Museum during the year—

*Ethnological Collections.**Donor.*

Specimens of tobacco and of red ochre face-paint, used by Indians of New Mexico	Miss Freire Marreco.
Baskets from Ceylon and Ancient Peru ; basket-work hat, Fernando Po ..	Mr. H. G. Beasley.
Eye-shade, China ; bamboo flea-trap, China ; writing-case, Japan, etc.	Mr. Chas. Lund.
Several stone celts, West Africa ; hoe, Gold Coast	Mr. F. W. H. Migeod.
A number of stone celts from Nigeria ..	Mr. E. A. Langslow Cock (per Sir Hercules Read, British Museum).
Turkish scimitar, Arabia ; ivory armlets, Africa ; stone and other beads, Egypt and the Sudan ; silver finger rings, Omdurman ; old English midshipman's dirk ; and other objects ..	Mr. Donald Gunn.
A collection of flint implements from Northfleet, Kent	The Associated Portland Cement Manufacturers, Ltd., Northfleet (per Sir Hercules Read, British Museum).
Old sandglasses, used for timing the speed of ships, Cardiff ; celt and spindle-whorls, Swiss Lake Dwellings	Mr. Edward Lovett.
Several miniature arrow-heads, used as currency, Southern Nigeria	The Director of the Bank of British West Africa (per Sir Hercules Read, British Museum).
A number of Palæolithic and Neolithic implements from Allington, Dunbridge, Swanscombe, East Dean, etc.	From the Richard Jones bequest (per Sir Hercules Read, British Museum).

The Ling Roth Collection of tatuing appliances, comprising specimens from Japan, Burma, Oceania, Borneo, India, Tunis, etc. (purchased)	Mr. E. J. Horniman (half cost of purchase of the collection).
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Zoological Collections.

Egg of tortoise	Miss Perkins.
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Living Animals for Vivaria and Aquaria.

A large number of marine animals ..	Mr. W. R. Adams.
Numerous foreign silk-moth larvæ and cocoons	Dr. Cornwell Round.
Two grass-snakes	Mr. Llewellyn King.
Numerous moth larvæ	Mr. H. Sutton.
Several newts and freshwater insects ..	Mr. L. F. W. Greenop.
Green tree-frog	Mr. Percy J. Edwards.
Three slow-worms	Mr. H. W. Davies.
Three glow-worms	Dr. A. C. Haddon.
Several mole-crickets, and eggs of <i>Biston hirtaria</i>	Mr. J. Platt Barrett.
Green lizard	Mr. E. G. Esden.
Several eels, gudgeon, and gold-fish, and a carp and terrapin	Mr. W. Hill.
Grass-snake	Mr. A. E. Merriott.
24 frogs	Mr. J. H. Hudson.

ACQUISITIONS BY PURCHASE.

Amongst the more interesting specimens added by purchase during the year are the following:—

Fire-piston, Borneo; puppet-figures for shadow plays, Java; carved wooden images, Nias I.; bearskin war-coat, Borneo; two carrying-baskets, Philippine Is.

Two canoe-ornaments, British New Guinea.

Brick of tea, stamped, China.

Compass and sun-dial combined, China.

The Ling Roth Collection of tatuing appliances (see Presentations).

Modern English hand and electric tatuing appliances from the London docks.

Stone bark beater, Central America.

Representative collection of implements from the recent excavations at Grime's Graves, Norfolk.

Carved slate pipe, North-West Coast of North America.

Eskimo soapstone lamp, Labrador.

Spear with sting-ray points, Gulf of Carpentaria, Australia.

Electric ray, dissected to show electric organs.

Rat, dissected to show nervous system.

Horns of sheep and deer (entire, and in section) to show difference between horns and antlers.

Brain of macaque.

Stages in development of grass-snake, stickleback, fly, termite, mantis, garden-spider, scorpion, crayfish, and shore-crab.

Model of head and mouth-parts of water-boatman.

Tree-snake (*Dendrophis pictus*) in a climbing attitude.

Seal in a swimming attitude.

Bloodvessels, injected, of terrapin and crayfish.

Plaster models of heads of a series of extinct elephants, and of an entire mastodon.

ATTENDANCES DURING 1914.

The following table gives the number of visitors to the Museum during the year:—

Month	Number of days open.	Attendance.
January	31	9,241
February	28	9,430
March	31	11,242
April	30	23,829
May	31	13,505
June	30	16,967
July	31	17,837
August	31	23,825
September	30	11,622
October	31	11,498
November	30	5,836
December	30	5,678
Total for the year ...	364	160,510

This gives an average of 441 visitors a day. The decrease in the total number of visitors for the year, as compared with 1913, is 38,339. Practically the whole of this deficit appears to be attributable to the effects of the war.

The attendances on Bank Holidays were as follows:—

	1913.	1914.
Good Friday	2,000	2,453
Easter Monday	3,591	3,246
Whit Monday	3,247	3,409
First Monday in August	4,095	3,163
Boxing Day	773	103
Total	13,706	12,374

The total shows a decrease of 1,332.

The number of schools, school parties, societies and other parties visiting the Museum during the year was 299, the number of individuals being 8,783. Compared with 1913, this is a decrease of 1 in the number of parties, but an increase of 30 in the number of individuals.

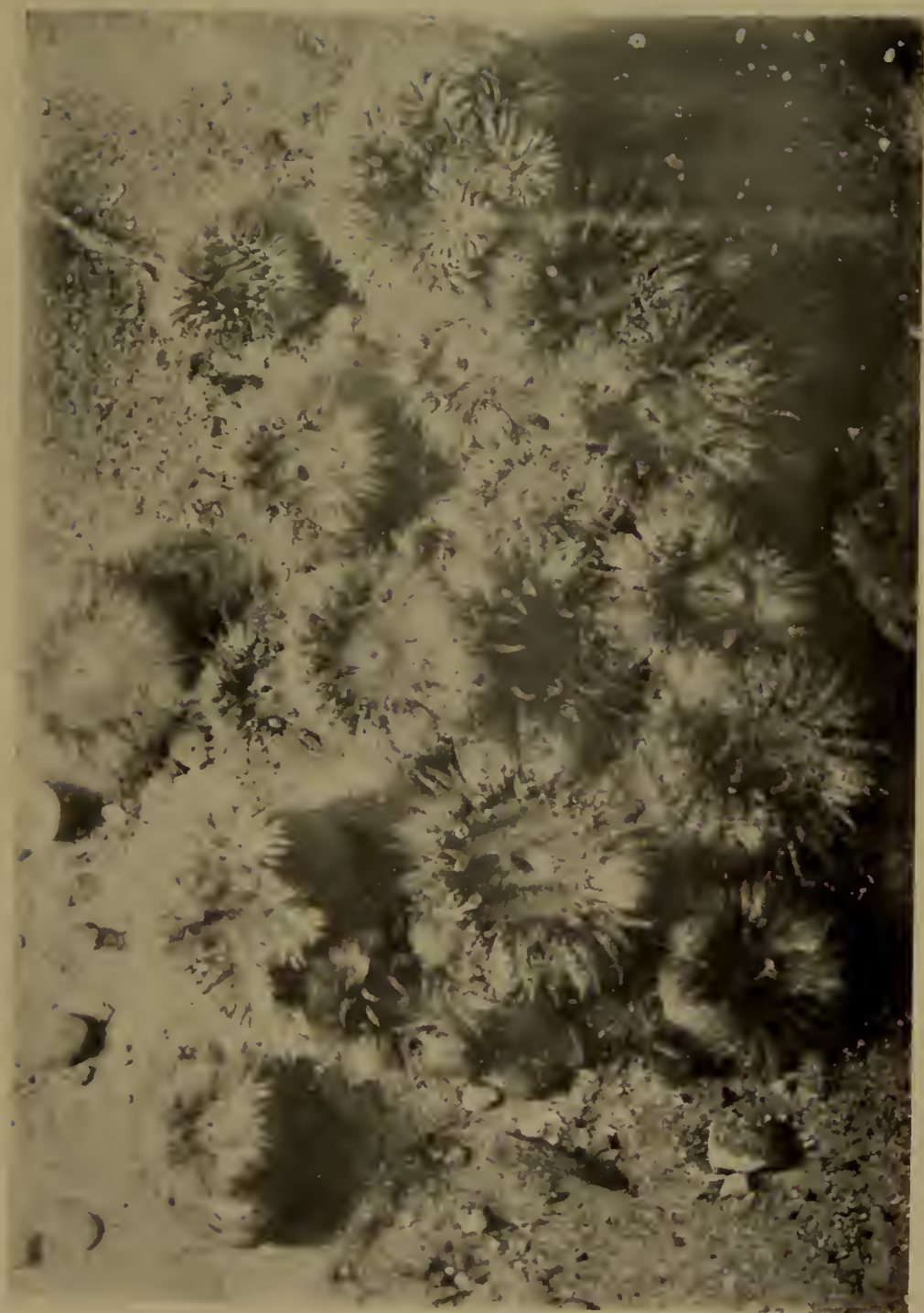
The visits of schools and other parties may be classified as follows:—

	Visits.	Total of Individuals.
Council's schools (including non-provided schools maintained by the Council)	261	7,634
Other schools and colleges	30	850
Societies and clubs	1	70
Special parties	7	229
Total	299	8,783

The Council's schools making most use of the Museum were the Sydenham Hill-road School (40 visits, 619 boys, 541 girls) and Christ Church School, Forest-hill, a non-provided elementary school (18 visits, 302 boys, 78 girls). Three schools paid between six and eight visits each (757 scholars), and 21 between three and five visits each.



1.—OBJECTS ILLUSTRATING SYMPATHETIC MAGIC (*see p. 18*).



II.--A GROUP OF LIVING DAISY SEA-ANEMONES (*Sagartia bellis*) IN ONE OF THE MUSEUM AQUARIA (see p. 18).



The special parties visiting the Museum included three of Russian teachers, 154 individuals in all.

INSTRUCTION IN THE MUSEUM.

Courses of public lectures were given on Saturday afternoons and Wednesday evenings. Lectures to teachers were given in some cases on Saturday mornings, in others on Monday evenings. Reference is made to the appointment of a guide demonstrator on page 5.

Free Public Lectures on Saturday Afternoons.

Eighteenth Series.

Winter Term, 1914.

1914.	Subject.	Lecturer.
January 24	The Folk-lore of London	Mr. Edward Lovett.
„ 31	Congo Witch-doctors and their Methods	Rev. J. H. Weeks.
February 7	Habits and Haunts of Toadstools and their Allies	Dr. E. Marion Delf.
„ 14	Paint, Powder, and Personal Ornaments of Savages	Dr. H. S. Harrison.
„ 21	Art in the Japanese Home	Mr. A. R. Wright, F.S.A.
„ 28	Means of Travel and Transport employed by Backward Peoples ...	Dr. H. S. Harrison.
March 7	Parachuting and Flying Animals ...	Mr. H. N. Milligan, F.Z.S.
„ 14	“ Bygones ”	Mr. Edward Lovett.
„ 21	Makers of Soil	Dr. E. Marion Delf.
„ 28	Magic and Fetishism in West Africa ...	Mr. A. R. Wright, F.S.A.

Total attendance, 1,489. Average, 148.9.

Free Public Lectures on Saturday Afternoons.

Nineteenth Series.

Autumn Term, 1914.

1914	Subject.	Lecturer.
October 10	Native Stories and Riddles round a Congo Fire	Rev. J. H. Weeks.
„ 17	Colours and Markings of Animals.—I ...	Mr. H. N. Milligan, F.Z.S.
„ 24	The Australian Aborigines	Dr. H. S. Harrison.
„ 31	Paper Money and other Modern Forms of Currency	Mr. A. R. Wright, F.S.A.
November 7	Fossils and How they are Formed ...	Mr. E. A. Martin, F.G.S.
„ 14	The Folk-lore of Deep-Sea Fishing ...	Mr. Edward Lovett.
„ 21	The Origin and History of Bells ...	Mr. A. R. Wright, F.S.A.
„ 28	Colours and Markings of Animals.—II.	Mr. H. N. Milligan, F.Z.S.
December 5	The Origin, Legend, and Folk-lore of the Child's Doll	Mr. Edward Lovett.
„ 12	Flowers and their Insect Visitors ...	Dr. E. Marion Delf.

Attendance, 1,412. Average, 141.2.

*Free Public Lectures on Wednesday Evenings.**Fourth Course.**Winter Term, 1914.**"Animal Life in Ponds and Streams," by Mr. H. N. Milligan, F.Z.S.*

1914.	Subject.
January 28	Mammals and Amphibians.
February 4	Fishes.
" 11	Insects.
" 18	Crustaceans, Spiders, Molluscs, and Worms.
" 25	Microscopic Forms of Life.

Attendance, 352. Average, 76.4.

*Free Public Lectures on Wednesday Evenings.**Fifth Course.**Autumn Term, 1914.**"The Natural History of some Common Animals," by Mr. H. N. Milligan, F.Z.S.*

1914.	Subject.
November 11	Dogs, Cats, and Weasels.
" 18	Deer, Sheep, and Oxen.
" 25	Rats, Mice, and Rabbits.
December 2	Hedgehogs, Shrews, and Moles.
" 9	Bats.

Attendance, 183. Average, 36.6.

*Thirty-third Course of Lectures to Teachers.**Winter Term, 1914.**"The Haunts and Habits of Insects," by Frank Balfour-Browne, M.A.(Oxon), F.R.S.E., F.Z.S.*

1914.	Subject.
January 24	Cockroaches, Earwigs, Grasshoppers, and their relations.
" 31	Dragon-flies, Ant-lions and Termites.
February 7	Wasps, Solitary and Social.
" 14	Bees, Solitary and Social.
" 21	Ants.
" 28	Land Beetles.
March 7	Water Beetles.
" 14	Butterflies and Moths.
" 21	Flies.
" 28	Bugs

Total attendance, 839. Average, 83.9.

*Thirty-fourth Course of Lectures to Teachers.**Spring Term, 1914.*

“The Protozoa and their Importance to Mankind,” by E. A. Minchin.
M.A., Hon.Ph.D., F.R.S.

1914.	Subject.
April 25 ...	The Distinctive Characteristics of the Protozoa.
May 2 ...	The Flagellata.
„ 9 ...	The Sleeping Sickness.
„ 16 ...	The Sporozoa.
„ 23 ...	The Sporozoa—continued.

Total attendance, 197. Average, 39.4.

Thirty-fifth Course of Lectures to Teachers.

(Arranged by the Education Committee).

Autumn Term, 1914.

“Trees and Vegetation in Relation to Climate,” by Professor Percy Groom, M.A., D.Sc.

October 5 to December 14. Ten Lectures. Total attendance, 263. Average, 26 3.

MUSEUM PUBLICATIONS.

The following table gives particulars of the sale in 1914 of the publications issued by the Museum. The price is one penny in all cases where not otherwise stated :—

Title.	When issued to the Public.	Number sold during 1914.
Guide to the Museum and Library (second edition)	1913	2,500
Handbook to the Study of Animal Life (second edition)	1909	200
Handbook to the Vivaria and Freshwater Aquaria (second edition)	1907	437
Handbook to the Marine Aquaria (second edition)	1912	275
Handbook to the Study of Birds' Eggs... ..	1905	200
Handbook to the Library with Supplement. (Price 3d.)	1912	25
Supplement to Handbook to the Library. (Price 2d.)	1912	12
From Stone to Steel : A Handbook to the Cases illustrating the Ages of Stone, Bronze and Iron. (Price 3d.)	1907	124
A Handbook to the Weapons of War and the Chase. (Price 2d.)	1908	75
A Handbook to the Stages in the Evolution of the Domestic Arts. Part I.	1911	100
Ditto. Part II.	1911	100
A Handbook to the Cases illustrating Animal Locomotion	1913	150
A Handbook to the Collection illustrating a Survey of the Animal Kingdom	26th Mar., 1914	112

THE LIBRARY.

Acquisitions.

During the year 133 volumes were added to the Library : 28 of them presented, 22 presented complete in parts, 55 purchased, and 28 purchased complete in parts. An analysis of additions according to subject is given in the table on p. 17.

Presentations.

The publications named below were received by gift during the year. Except where the name of the donor follows in *italics* the publication was presented by the authority which issued it.

Agricultural Economist and Horticultural Review. Vol. 47. 1914.
American Museum of Natural History, New York. Forty-fifth Annual Report, 1913. The American Museum Journal. Vol. 14. 1914.
Guide Leaflets 38 and 39. Handbook Series : No. 1. North American Indians of the Plains. By C. Wissler. 1912. No. 2. Indians of the Southwest. By P. E. Goddard. 1913. No. 4. Animals of the Past. By F. A. Lucas. 1913.

Asiatic Society of Bengal, Memoirs, Vol. 5, No. 1. Proceedings, Vol. 75, pt. 3. Journal and Proceedings, Vol. 9, Nos. 7-11 and Extra No. Vol. 10, Nos. 1-4.

The Right Hon. the Secretary of State for India in Council.

Bankfield Museum, Halifax. Bankfield Museum Notes. Second Series, No. 3.

Belfast. Public Art Gallery and Museum. Publication 41.

Bishop Museum of Polynesian Ethnology and Natural History, Honolulu. Report of a Journey around the World to Study matters relating to Museums. By W. T. Brigham. 1913.

Boston. Museum of Fine Arts. Annual Report, 1913. Bulletin, Nos. 68-72.

Bradford. Libraries, Art Gallery and Museums Committee. Annual Reports 1913, 1914.

Brighton. Public Library, Museum and Fine Art Galleries. Report, 1912-13.

British Museum. Catalogue of the Lepidoptera Phalænæ in the British Museum. Vol. 13 [Noctuidæ, continued]. By Sir G. F. Hampson, Bart. 1913.

— Catalogue of the Ungulate Mammals in the British Museum. Vol. 2 [Bovidæ, continued]. By R. Lydekker assisted by G. Blaine. 1914.

— A Revision of the Ichneumonidæ. Part 3. By C. Morley. 1914.
Brunetti, E., Calcutta. [Collected Papers (separata) on Oriental Diptera. Vol. 2.] *The Author.*

Bureau of American Ethnology, Washington. Bulletin 56. Ethnology of the Tewa Indians. 1914.

Cambridge Manuals of Science and Literature.

Doncaster, L. Heredity. 1910. Duckworth, W. L. H. Prehistoric Man. 1912. Latter, O. H. Bees and Wasps. 1913. Myers, C. S.

An Introduction to Experimental Psychology. 1911. Searle, A. B.
 The Natural History of Clay. 1912. Smith, G. Primitive Animals.
 1911. Spence, L. The Civilisation of Ancient Mexico. 1912.

Mr. D. Gunn.

Canada. Province of Manitoba. Report of the Department of Agriculture and Immigration 1913. Province of Saskatchewan. The Public Service Monthly. Vol. 2, Nos. 6-12; Vol. 3, Nos. 1-5.
 Cardiff. National Museum of Wales. Seventh Annual Report, 1913-14.
 Carnegie Museum, Pittsburgh. 17th Annual Report. 1914. The Eighteenth Celebration of Founder's Day. 1914.
 City of London Entomological and Natural History Society. Transactions, 1912-13.

Colombo. The Colombo Museum. Report, 1912-13.

Colchester. Museum of Local Antiquities. Report, 1913-14.

Cropper, J. W., and A. H. Drew. Researches into induced Cell-reproduction in *Amœbæ*. The J. H. McFadden Researches, Vol. 4. 1914.

Mr. Aubrey Howard Drew.

Croydon. Libraries' Committee. Twenty-fifth Annual Report, 1913-14.
 — The Croydon Natural History and Scientific Society. Proceedings and Transactions, 1909-10; 1913-14.

Dublin. National Museum of Science and Art. Guide to the Collection of Irish Antiquities, 1914. Museum Bulletin, Vol. 3, parts 3-4, 1913.

Ealing Scientific and Microscopical Society. Report and Transactions, 1913-14.

Edinburgh. The Royal Scottish Museum. Report for the year 1913-14.

Field Museum of Natural History, Chicago. Publications: Anthropological Series, Vol. 12, No. 2; Vol. 13, No. 1. Report Series, Vol. 4, No. 4; Zoological Series, Vol. 10, Nos. 10-12.

Geelong Field Naturalists' Club, Geelong, Victoria, Australia. The Geelong Naturalist, Vol. 5, No. 4; Vol. 6, No. 1.

Gothenburg. Göteborgs Museum. Årstryck, 1914.

Great Britain. Board of Agriculture. Journal. Vol. 20, Nos. 10-12; Vol. 21, Nos. 1-9. Supplements Nos. 12-13. Leaflets 256, 267, 276-78, 280-81, 284, 286, 288.

Haslemere Natural History Society: A Souvenir of its 25th Anniversary. December, 1913. Science Paper No. 6. English Science and its Literary Caricaturists in the 17th and 18th Centuries. An Address by Sir Archibald Geikie. 1914.

Hastings. Hastings Museum. Occasional Papers, No. 2. Report, 1913.

Homesdale Natural History Club, Reigate. Proceedings, 1910-13.

Hull. Hull Museum Publications, 98-101.

Ipswich. Museum, Art Gallery and Free Library. Report. 1913-14.

John Crerar Library, Chicago. Annual Report, 1913.

Keith, A. Ancient Types of Man. 1911. (Harper's Library of Living Thought.)

Mr. D. Gunn.

Lloyd Library, Cincinnati, Ohio. Bibliographical Contributions from the Lloyd Library. By Edith Wycoff, Librarian. Vol. 1, 1911-14; Vol. 2, Nos. 1-3.

- London. Science and Geological Museums. Report of the Departmental Committee, 1911.
- Museum of Practical Geology. A Short Guide to the Museum of Practical Geology. Second edition. 1914.
- Louisiana State Museum, New Orleans. Fourth Biennial Report, 1912-14.
- New York. Brooklyn Institute of Arts and Sciences. Children's Museum News. Vol. 1, Nos. 4-8; Vol. 2, Nos. 1-3.
- Norwich. The Castle Museum. Report, 1913.
- Priest, S. Report of an Excursion to Greenhithe. (*ex* Proceedings of the Geologists' Association, 1912.) *The Author.*
- Quekett Microscopical Club. Journal, Ser. 2, Vol. 12, Nos. 74-75.
- Rochdale. Public Libraries, Art Gallery and Museum Committee. Annual Report, 1913-14. Publications 2-4.
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- Royal Geographical Society. The Geographical Journal. Vols. 43-44. *Mr. Emslie J. Horniman.*
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- Royal Society for the Protection of Birds. Bird Notes and News, Vol. 5, No. 8; Vol. 6, Nos. 1-3. Annual Report, 1913.
- Royal Society of Arts. Journal. Nos. 3,189-3,240.
- Royal Society of London. Philosophical Transactions. Series A. Vol. 213. Series B. Vol. 204. *The Right Hon. Lord Sydenham.*
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- Sarawak. The Sarawak Museum. Journal, Vol. 1, Nos. 3-4; Vol. 2, No. 1. Report, 1913.
- Selborne Magazine and Nature Notes. Vol. 25.
- Smithsonian Institution, Washington. Report, 1911-12. *See also* Bureau of American Ethnology, United States National Museum.
- South London Entomological and Natural History Society. Proceedings, 1913-14.
- Southern Nigeria, Government of. Anthropological Report on the Ibo-speaking Peoples of Nigeria. By N. W. Thomas, Government Anthropologist. Parts 4, 5, 6. 1914.
- Specimens of the Languages of Southern Nigeria. By N. W. Thomas. 1914.
- The Crown Agents for the Colonies on behalf of the Government of Southern Nigeria.*
- Swansea. Royal Institution of South Wales. Annual Report, 1913-14.
- United States National Museum, Washington. Report, 1912-13.
- Warrington. Museum Committee. Report, 1913-14.
- Zoological Society of London. Report of the Council and Auditors, 1913.

Purchases.

The books bought have been similar in character to those purchased in previous years, consisting in the main of works in Anthropology, Zoology, Botany, and General Biology of recent publication and by authors of repute.

Periodical Publications.

The following is a list of periodical publications now received in the Library :—

American Museum Journal.	Journal of the Royal Anthropological
Annals and Magazine of Natural History.	Institute of Great Britain and Ireland.
Annals of Botany.	Journal of the Royal Microscopical
Antiquary.	Society.
Bird Notes and News.	Journal of the Royal Society of Arts.
Country Life.	Knowledge.
Entomologist's Monthly Magazine.	L'Anthropologie.
Folk-lore.	Man.
Geelong Naturalist.	Museums Journal.
Geographical Journal.	Nature.
Geological Magazine.	Nunismatic Chronicle.
Ibis.	Proceedings of the Prehistoric Society
Internationales Archiv für Ethno-	of East Anglia.
graphie. (Leiden.)	Proceedings of the Royal Society.
Irish Naturalist.	Proceedings of the Zoological Society.
Journal and Proceedings of the Asiatic	Quarterly Journal of Microscopical
Society of Bengal.	Science.
Journal of Botany.	Rochester Naturalist.
Journal of Indian Art.	Science Progress in the Twentieth
Journal of the Board of Agriculture.	Century.
Journal of the Linnean Society (Botany	Selborne Magazine and Nature Notes.
and Zoology).	Transactions of the Entomological
Journal of the Quekett Microscopical	Society of London.
Club.	Wild Life.

The following table indicates the nature of the works acquired during the year, and the number of volumes added in each division :—

Class.	Total. 1913.	Added in 1914.	Total. 1914.
1. <i>Physical Science.</i> (Physics, Chemistry, Mineralogy, Geology, Physiography, Meteor- ology.)	vols. 411	vols. 25	vols. 436
2. <i>Geography.</i> (Systematic Works, Voyages of Dis- covery, Travels of Naturalists.)	665	2	667
3. <i>Biology.</i> (Morphology, Embryology, Physi- ology, Psychology, Ecology, Philosophical Biology.)	433	22	455
4. <i>Botany</i>	340	7	347
5. <i>Zoology</i>	1,613	37	1,650
6. <i>Anthropology.</i> (Ethnology, Archæology)	1,386	39	1,425
7. <i>Dictionaries, Encyclopædias, and books</i> <i>of general reference.</i>	159	1	160
Total vols.	5,007	133	5,140

April, 1915.

W. E. RILEY,
Architect of the Council.

EXPLANATION OF PLATES.

¶ PLATE I.—Objects illustrating the widespread belief in “sympathetic magic.” Where the power of the object is based on resemblance (Nos. 2, 3, 5, 7, 8), it is described as “homœopathic magic”; where the effect is supposed to be due to the origin of the object (Nos. 1, 4, 6), it is termed “contagious magic.”

1.—Boar’s tusk armlet, worn in order to acquire the fierceness and strength of the wild boar. † British New Guinea.

2.—Dried twigs which are often very similar in form to the long bones of the human skeleton. They were used in working “evil magic” against a human victim. Mabuiag, Torres Straits, British New Guinea.

3.—Seed capsule of a plant (*Martynia* sp.) which resembles in form the head of a snake with its fangs, and for this reason such capsules are applied to snake bites as an antidote. Upper Burma.

4.—Bead necklet with lion’s claw, to protect the wearer against lions. East Africa.

5.—Rounded pebble, kept in the gardens to encourage the yams to grow. British New Guinea.

6.—Digging feet of mole, carried in a silk bag, to ward off or cure cramp. Sussex.

7.—Part of a whelk-shell, carried to prevent or cure earache. From near Winchester.

8.—Leg-shaped stone, carried to prevent or cure gout. Newborough Fen, Nottinghamshire.

PLATE II.—A group of living daisy sea-anemones (*Sagartia bellis*) in one of the museum aquaria. The shape and colour of these anemones render them inconspicuous in the sand or mud in which they live.

(*Photograph for Plate I. and blocks for both plates, by the Council’s School of Photo-Engraving and Lithography. Photograph for Plate II. by Mr. H. Boon.*)

